

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No.

501191.01

June 19, 2003

First Inventor or Application Identifier

Joseph M. Jeddeloh

Title

POSTED WRITE BUFFERS AND METHOD OF POSTING WRITE REQUESTS IN MEMORY MODULES

Express Mail Label No.

EL 872043682 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Sheet (+ copy)
(Submit an original and a duplicate for fee processing)2. Applicant(s) Claim(s) Small Entity Status3. Specification [Total Pages]
(preferred arrangement set forth below)

24

- Descriptive Title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) (35 USC 113) [Total Sheets]

3

5. Oath or Declaration [Total Pages]

2

- a. Newly executed (original or copy)
- b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)

6. Application Data Sheet (37 C.F.R. 1.76)

- 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer-Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- 9. Certification Under 35 U.S.C. 122(b)(2)(B)(i)
- 10. Assignment Papers (cover sheet & document(s))
- 11. 37 CFR 3.73(b) Statement Power of Attorney (when there is an assignee)
- 12. English Translation Document (if applicable)
- 13. Preliminary Amendment Total Pages _____
- 14. Return Receipt Postcard
- 15. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
- 16. Certified Copy of Priority Document(s) (if foreign priority is claimed)
- 17. Other: Certificate of Express Mail Check

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment

Continuation Divisional Continuation-In-Part (CIP) of prior Application No.: _____ Filed _____

Prior application information: Examiner _____ Group / Art Unit _____

 Incorporation By Reference (useable if box 5b is checked)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

 Claims the benefit of Provisional Application No. _____**CORRESPONDENCE ADDRESS**

Edward W. Bulchis, Esq.

Dorsey & Whitney LLP

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Seattle, Washington 98101-4010

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TYPED or PRINTED NAME Edward W. Bulchis

REGISTRATION NO. 26,847

SIGNATURE

Date

06/20/03

10/601253

17363

FEE TRANSMITTAL SHEET (FOR FY 2003)

Complete if Known

| | |
|----------------------|-----------------------|
| Express Mail No. | EL 872043682 US |
| Filing Date | Concurrently Herewith |
| First Named Inventor | Joseph M. Jeddelloh |
| Group Art Unit | Not Yet Assigned |
| Examiner | Not Yet Assigned |
| Atty. Docket Number | 501191.01 |

METHOD OF PAYMENT (Check One)

1. The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No.: 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP

2. Check Enclosed

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description |
|---------------------|----------|----------|----------|--|
| 101 | 750 | 201 | 375 | <input checked="" type="checkbox"/> Utility Filing Fee |
| 106 | 330 | 206 | 165 | <input type="checkbox"/> Design Filing Fee |
| 108 | 750 | 208 | 375 | <input type="checkbox"/> Reissue Filing Fee |
| 114 | 160 | 214 | 80 | <input type="checkbox"/> Provisional Filing Fee |
| Subtotal (1) | | | | \$ 750 |

2. EXTRA CLAIM FEES

| Current Claims | Prior | Extra | Fee | Fee Paid |
|---------------------------|-------|-------|------|-----------------------------------|
| Total | 50 | - 20 | = 30 | x \$ 18 = \$ 540 |
| Ind. | 4 | - 3 | = 1 | x \$ 84 = \$ 84 |
| Multiple Dependent Claims | | | x \$ | = \$ |
| | | | | Subtotal (2) <u>\$ 624</u> |

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description |
|----------|----------|----------|----------|---|
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 84 | 202 | 42 | Independent claims in excess of 3 |
| 104 | 280 | 204 | 140 | Multiple dependent Claim |
| 109 | 84 | 209 | 42 | Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | Reissue claims in excess of 20 and over original patent |

3. ADDITIONAL FEES

| Large Entity | Small Entity | | | |
|---------------------------------|--------------|----------|----------|--|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description |
| 105 | 130 | 205 | 65 | Surcharge - Late filing fee or oath |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet |
| 139 | 130 | 139 | 130 | Non-English specification |
| 147 | 2,520 | 147 | 2,520 | For Filing a Request for Reexamination |
| 195 | 300 | 196 | 300 | Publication (early or Republication) |
| 115 | 110 | 215 | 55 | Extension for reply within first month |
| 116 | 410 | 216 | 205 | Extension for reply within 2 nd month |
| 117 | 930 | 217 | 465 | Extension for reply within 3 rd month |
| 118 | 1,450 | 218 | 725 | Extension for reply within 4 th month |
| 128 | 1,970 | 280 | 985 | Extension for reply within 5 th month |
| 120 | 320 | 220 | 160 | Filing a brief in support of an appeal |
| 121 | 280 | 270 | 140 | Request for oral hearing |
| 148 | 110 | 248 | 55 | Terminal Disclaimer Fee |
| 140 | 110 | 240 | 55 | Petition to revive – unavoidable |
| 141 | 1,300 | 241 | 650 | Petition to revive – unintentional |
| 142 | 1,300 | 242 | 650 | Utility/Reissue issue fee (+ advance copies) |
| 143 | 470 | 243 | 235 | Design issue fee (+ advance copies) |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner |
| 123 | 50 | 123 | 50 | Petitions related to provisional applications |
| 126 | 180 | 126 | 180 | Submission of IDS |
| 581 | 40 | 81 | 40 | Recording each patent assignment per property (times number of properties) |
| 179 | 750 | 279 | 375 | Request for Continued Examination (RCE) |
| Other fee (specify) | | | | |
| Subtotal (3) | | | | \$ 40 |
| Total Amount of Payment: | | | | \$ 1414 |

Submitted by:

Name: Edward W. Bulchis

Reg. No.: 26,847

Telephone: (206) 903-8800

Signature:

Date:

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Joseph M. Jeddelloh and Terry R. Lee Attorney Docket No.: 501191.01

Filed : Concurrently Herewith

Title : POSTED WRITE BUFFERS AND METHOD OF POSTING WRITE REQUESTS IN
MEMORY MODULESGENERAL AUTHORIZATION

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

With respect to the above-identified application, the Commissioner is authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 which may be required and to treat any concurrent or future reply requiring a petition for an extension of time under 37 C.F.R. § 1.136(a)(3) for its timely submission as incorporating a petition therefor for the appropriate length of time and to charge any fees which may be required during the course of prosecution, or credit any overpayment, to Deposit Account No. 50-1266.

Date

June 19, 2003
Edward W. Bulchis
Registration No. 26,847

EWB:pep

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Joseph M. Jeddelloh and Terry R. Lee Attorney Docket No.: 501191.01

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Title : POSTED WRITE BUFFERS AND METHOD OF POSTING WRITE REQUESTS
IN MEMORY MODULES

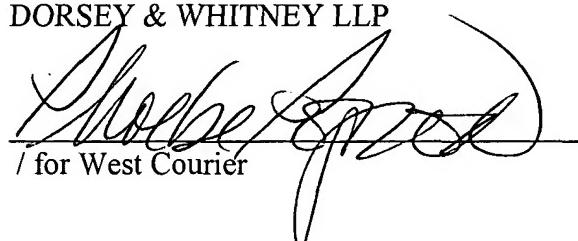
CERTIFICATE OF MAILING BY "EXPRESS MAIL"

MAIL STOP PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I hereby certify that the enclosures listed below are being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 C.F.R. § 1.10, Mailing Label Certificate No. EL 872043682 US, on June 19, 2003, addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,
DORSEY & WHITNEY LLP



/ for West Courier

EWB:pep

Enclosures:

- Postcard
- Check
- PTO/SB/05 Utility Patent Application Transmittal
- Application Data Sheet
- Fee Transmittal Sheet (+ copy)
- General Authorization
- Specification, Claims, Abstract (24 pages)
- 3 Sheets of Drawings (Figures 1-3)
- Declaration
- Election and Power of Attorney
- Form PTO-1595
- Assignment
- IDS, PTO-1449, Cited References (2)